

Figure 1

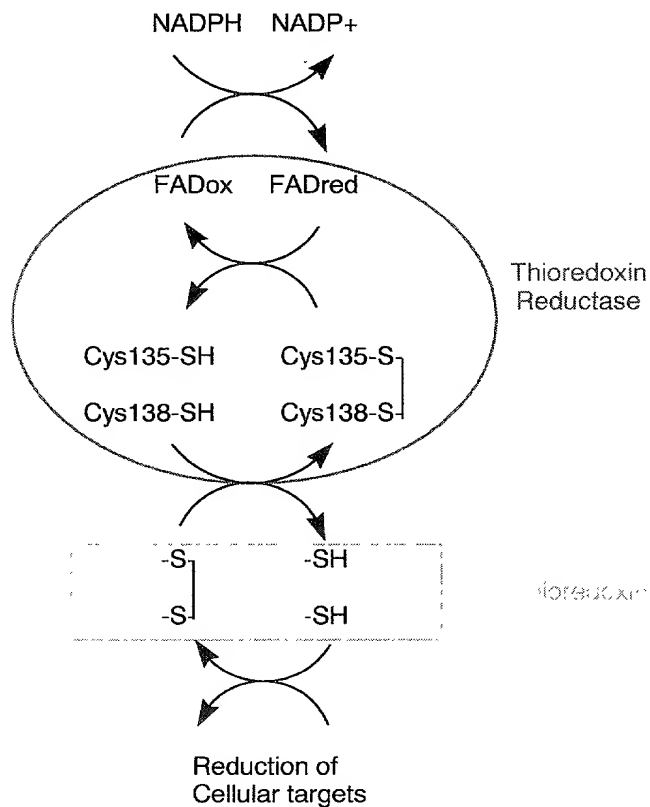
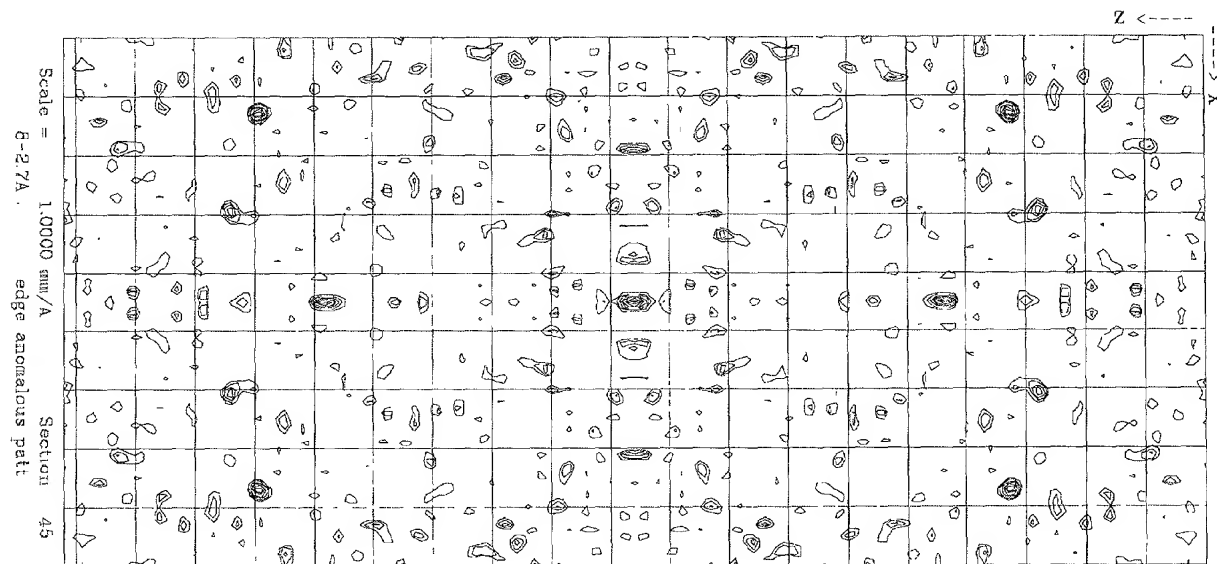


Figure 2

a.



b.

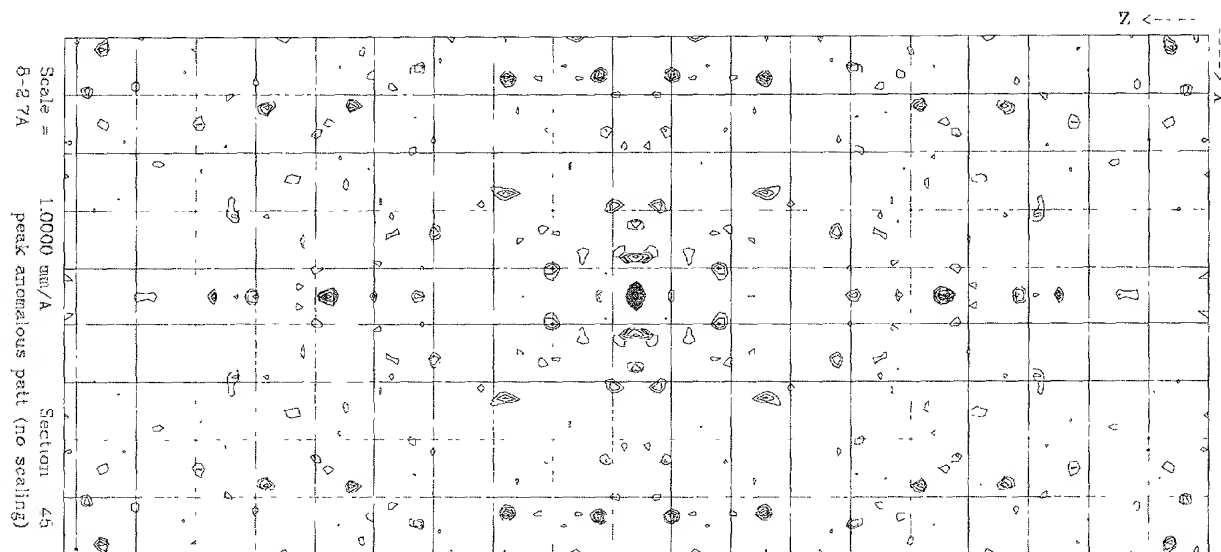
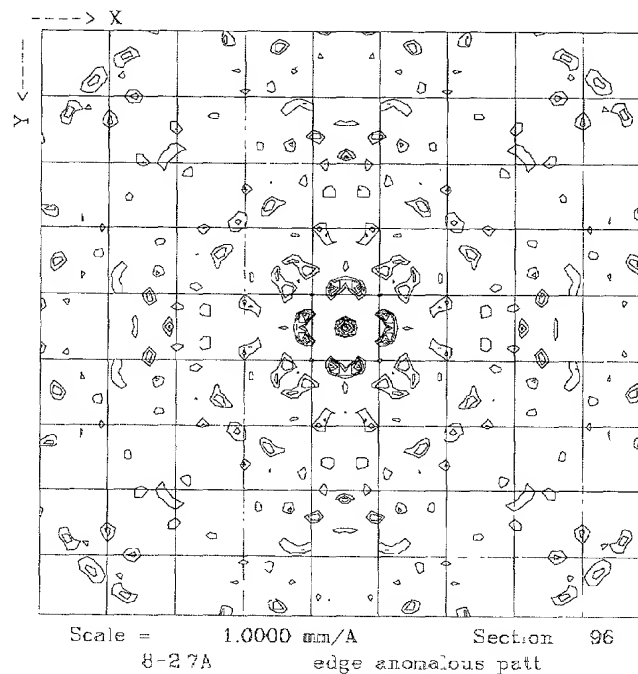


Figure 3

a.



b.

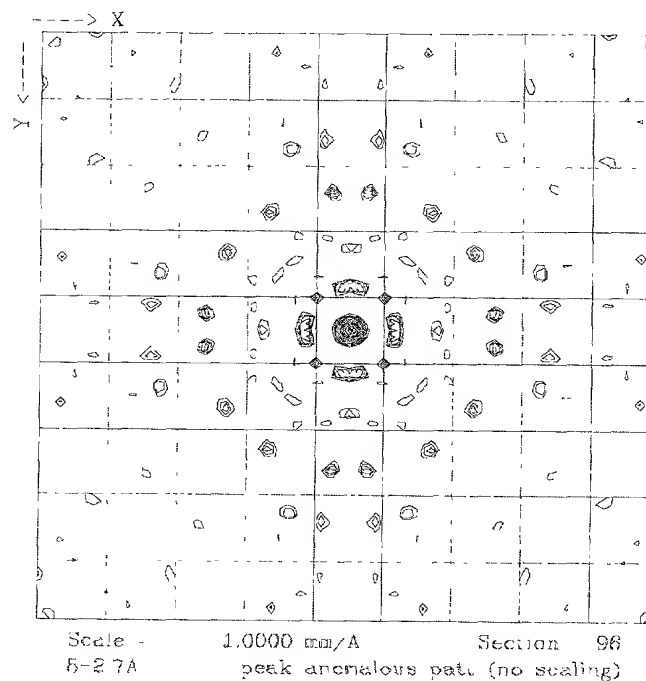


Figure 4

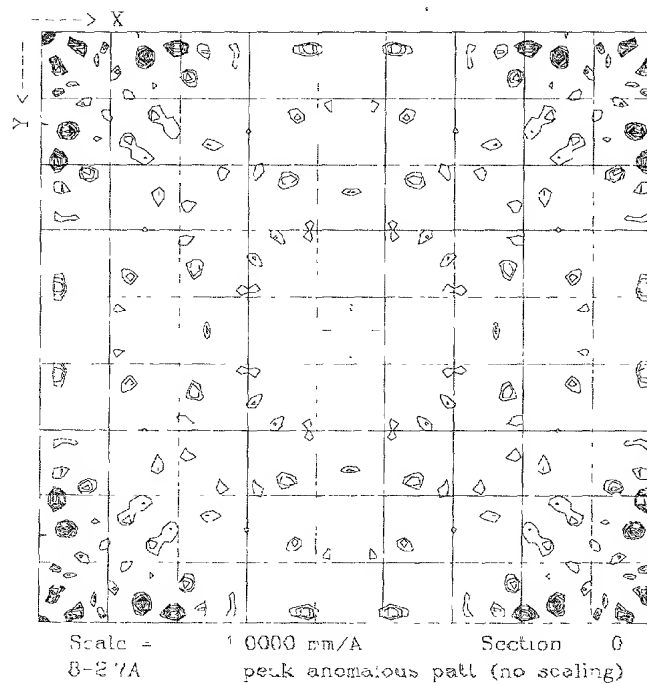
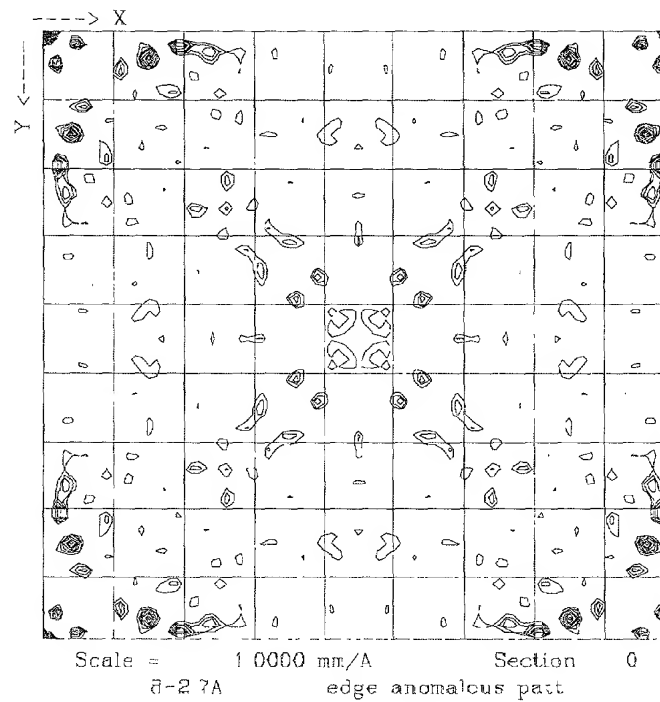
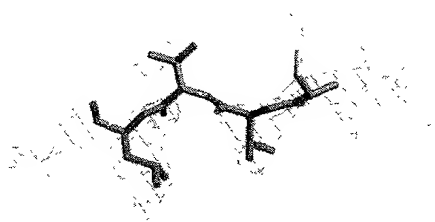
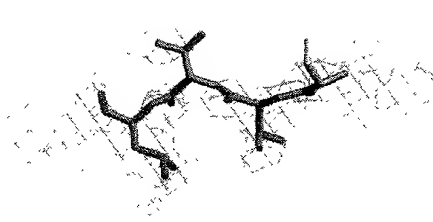


Figure 5

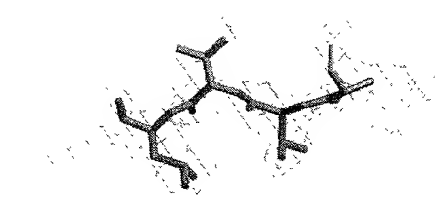
a.



b.



c.



d.

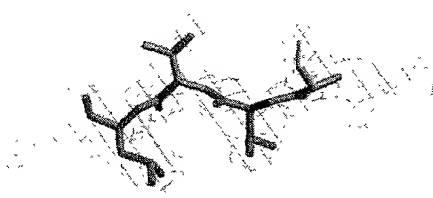


Figure 6

a.



b.



c.

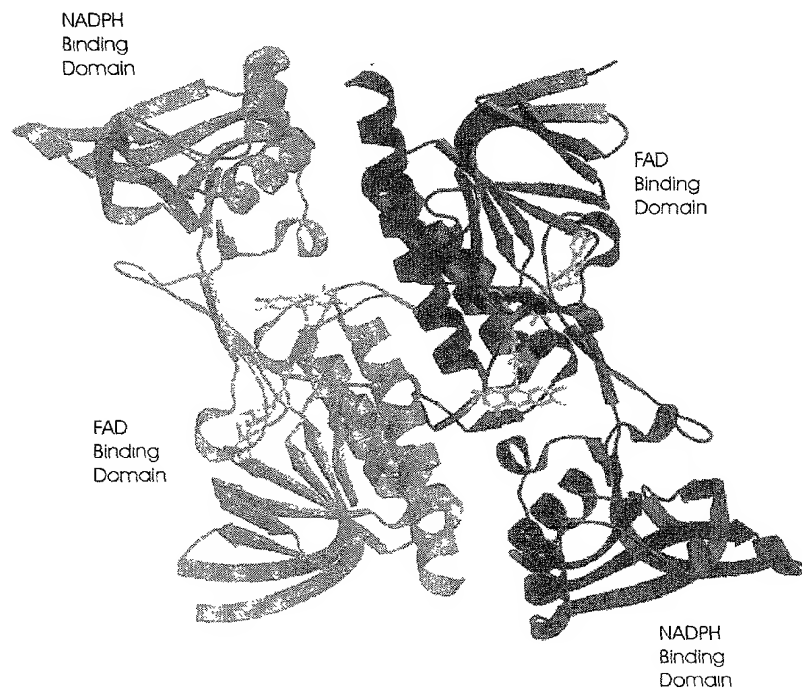


d.

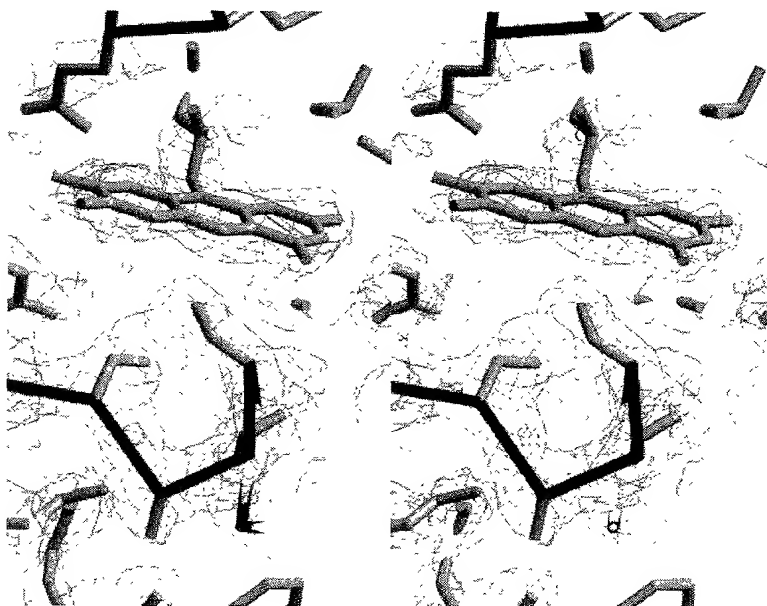


FIG. 5

Figure 7



a.



A black and white photograph showing a repeating pattern of stylized, dark, angular shapes on a light background. The shapes are interconnected, forming a complex, woven or crystalline structure. The pattern is dense and covers the entire frame.

Figure 9

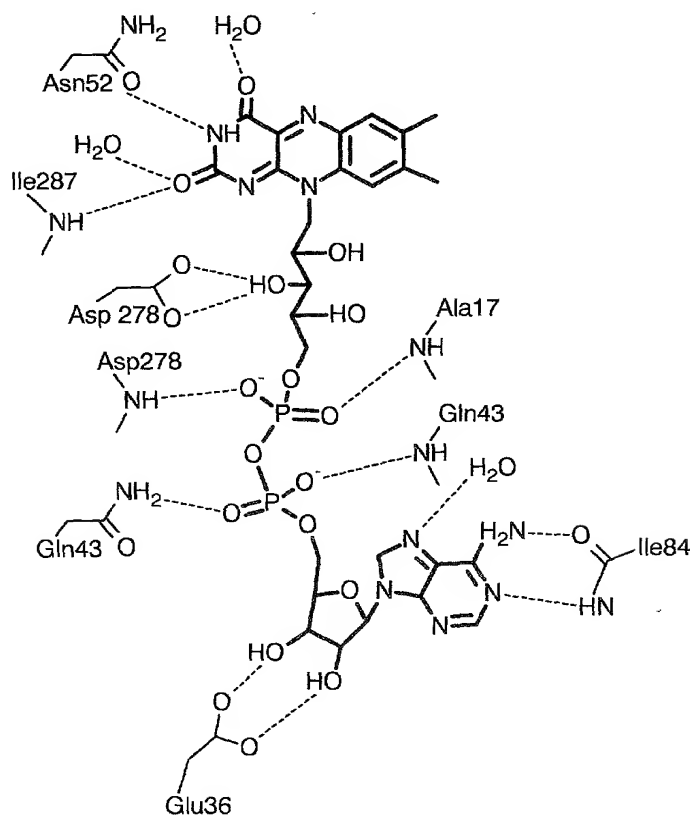


Figure 10

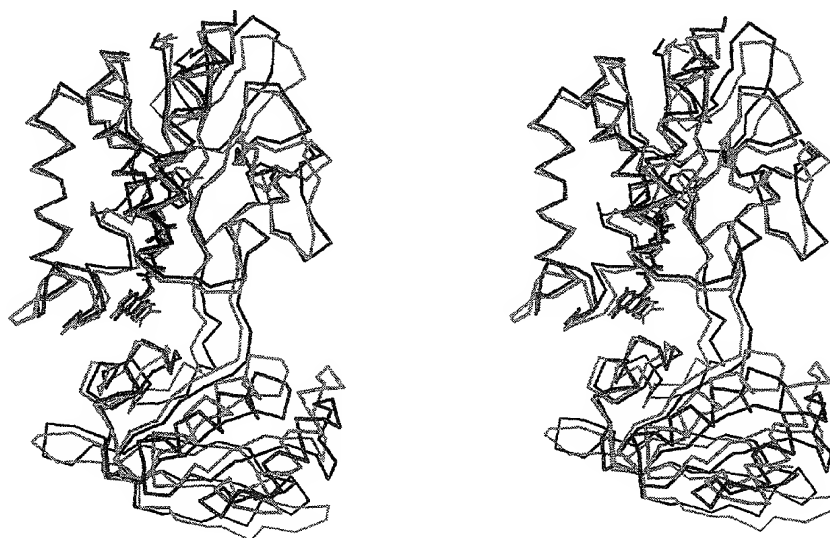


Figure 11

(SEQ ID NO: 2)

(SEQ ID NO: 1)

TrxB_ecoli	(1)	-GTTKHSKLLILGSGPAGYTAAVYAARANLPVLIITGMEKGGQITTTTEV	50
TrxB_sa	(1)	MGTEIDFDLIAITGAGPAGMTAAVYASRANLKTVMIERGIPGGOMANTEEV	
	51		100
TrxB_ecoli	(50)	ENWPGDPNDLTGPLLERMHEHATKFETEIIEHDINKVDLQNRPFRLNGD	
TrxB_sa	(51)	ENFPG-FEMITGPDLSKMFHAKKFCAVYOYVDIKSVEDKGEYKVINFG	
	101		150
TrxB_ecoli	(100)	NGEYTCDAIIATGASARYLGLPSEEAFKGRGVSACATCDGFFYRNOKVA	
TrxB_sa	(100)	NKELTAKAVIIATGAEYKKIGVPGQELGGRGVSYCAVCDGAFFKNKRLF	
	151		200
TrxB_ecoli	(150)	VIGGGNTAVEEALYLSNIASEVHLTHRRDCFRAEKILIKRLMDKVENGNI	
TrxB_sa	(150)	VIGGGDSAVEEGTFTTKFADKVTIVHRRDELRAQRILQDRAFKN---DKI	
	201		250
TrxB_ecoli	(200)	ILHTNRTTEEVTDQMGVTGVRLRDTQNSDNIESLDVAGLFVAIGHSPNT	
TrxB_sa	(197)	DFIWSHTTKSINEKDGVSVTLTST-KDGSEETHEADGVFIYIGMKPLT	
	251		300
TrxB_ecoli	(250)	AIFEGQ-LELENGYIKVQSGIHGNATQTSIPGVFAAGDVMDHIYRQAITSA	
TrxB_sa	(246)	APFKDLGITNDVGIVTK--DD---MTTSVPGTFAAGDVVRDKGLRQIVTAT	
	301		329
TrxB_ecoli	(300)	GTGCMALDAERYLDGLADAK-----	
TrxB_sa	(292)	GDGSTAAQSAAEYIEHLNDQARSHHHHHH	

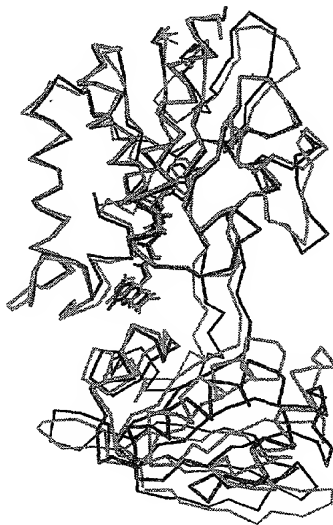


Figure 14

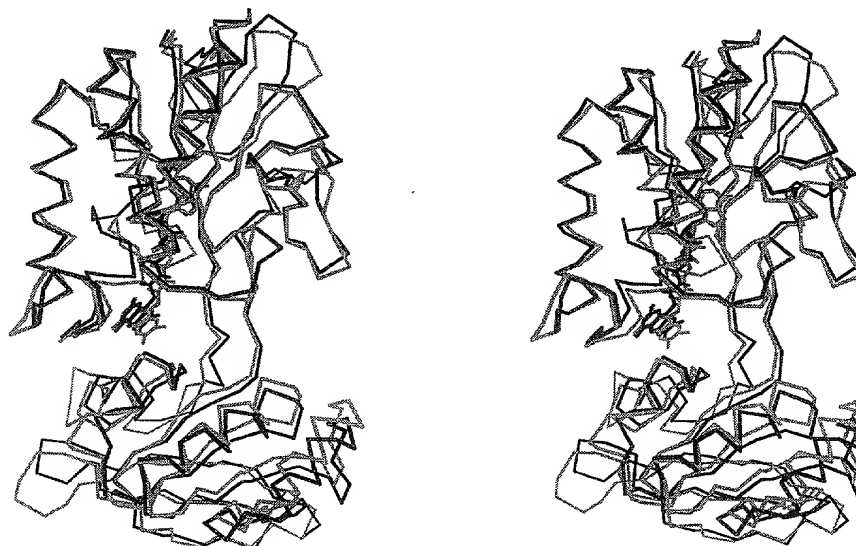


Figure 15

(SEQ ID NO: 3)
 (SEQ ID NO: 1)

Tr_athaliana	(1)	MNGLETHNTRL	CIVGSGPAAHTAAI	YAARAELKPL	LFEGWMANDIAPGGQ	50
TrxB_sa	(1)	-MGTEID-FDIAITGAGPAGMTAAVYASRANLKTVMIERG	-----	IPGGQ		
Tr_athaliana	(51)	LTITTTDVENFPGFPEGILGVEL	TDKFRKQSE	RFGTTIFTETVTKVDFSSK		100
TrxB_sa	(44)	MANTEEEVENFPGF-EMITGPDL	STKMFEHAKKFGAVYQYGD	LKSVEDKGE		
Tr_athaliana	(101)	PFKLF	TDKAILADAVILAIGAVAKRI	SFVGSGEVLGGFWNRGISACAVC		150
TrxB_sa	(93)	YKVINFGNKEETAKAVIIATGA	EYKKIGVPGEQELGG	----	RGVSYCAVC	
Tr_athaliana	(151)	DGAAPIFRNKPLAVIGGGDSAMEE	ANFLTKYGSKVYIIHRRDAFRASKIM			200
TrxB_sa	(139)	DGA--	FFRNKRLFVIGGGDSAVEEGTFLTKPADKVTIVHRRDELRAQRIL			
Tr_athaliana	(201)	QORALSNPKIDVIWNSSVVEAYGDGERD	-VLGGLKVKNVVTGDVSDLKVS			250
TrxB_sa	(187)	QDRAFKNDKIDFIWSHTLKSIN	---EKDGKVGSVTLTSTKDGSEETHEAD			
Tr_athaliana	(250)	GLFFAIGHEPATK-FLDGGVELDSDGYV	WTKPGTTQTSPVGVFAAGDVQD			300
TrxB_sa	(234)	GVFIYIGMKPLTAPFKDLGLTND	-VGYIVTKDDMT-TSVPGIFAAGDVRD			
Tr_athaliana	(299)	KKYRQAITAAGTGCMAALDAEHYLOE	IGSQEGKSD	----		339
TrxB_sa	(282)	KGLRQIVTATGDGSLAAOSAAEYIEHENDQ	ARSHHHHHH			



Figure 18

